

Dynasty Egs. Ltd

James & Buffen - Dec 10 - 1965
37,000,000 tons

Grade - 6.2% Zn
3.1% Lead
1.0% Ag

Recovery - 85%

Losses for smelter & freight
- Zinc - 9.5¢
- Lead - 7.5¢

Tent Calculation

$$\text{Zn} - 6.2 \times 20 \times 0.85 \times 5^{\text{¢}} = 5.28$$

$$\text{Pb} - 3.1 \times 20 \times 0.85 \times 8^{\text{¢}} = 4.21$$

9.49

3.25

6.24

Op. Prof.

Silver must be

6.84

7 0.60

If freight = 28[¢] / ton of 1000 # metal
This equals 2.8 ¢ / #

∴ Smelter charge = Zinc 9.5 - 2.8 = 6.7¢
Pb 7.5 - 2.8 = 4.8¢